

ABSTRACT OF THE DISCLOSURE

The invention herein is an enhanced VAD device (EVAD), for a physician to use to restore a dysfunctioning native heart with severe muscular damages to good health, so that the EVAD can be explanted eventually. The EVAD device comprises one or two VAD(s), a controlled means for sending electrical pulses to the native heart, a graphical means for monitoring the patient's response to each of said electrical pulses from the controlled means, a set of attachments for measuring biological and/or clinical signals at various organs both inside and outside the patient's body, and electronic means for facilitating the physician's work.